



## MEETING MINUTES

<b>PROJECT:</b> Water Treatment Plant	<b>PAGE:</b> 1 of 2
<b>OWNER:</b> City of Long Beach	<b>PROJECT NUMBER:</b> 08856
<b>MEETING DATE:</b> 8/31/10	<b>CONTRACTOR:</b> Rotschy, Inc.

**PRESENT:** Rick Gray, City of Long Beach  
Don Zuern  
Casey Danforth, Rotschy, Inc.  
Dan Naughton, PACE Engineers, Inc.  
Dave Wiebe, PACE Engineers, Inc.

**1. COMMENTS ON PREVIOUS MEETING:**

- No discussion.

**2. SCHEDULE:**

- Casey emailed an up-dated three week schedule on 8/26/10. The project is on-schedule as of that date.

**3. SUBMITTALS:**

- Dan Naughton mentioned that the Pall Corporation submittal review was nearing completion, and should be back to Roschy next week.

**4. RFI'S:**

- No discussion.

**5. PROPOSED CHANGE ORDERS:**

- No discussion.

**6. CONSTRUCTION ISSUES:**

- Hydro-seeding: Rick Gray mentioned that City staff would like to add additional seed to the re-vegetation mix in certain areas. He will have the needed seed on hand during the seeding operation.
- The detention pond drain was discussed. An additional drain will be added at the west end of the pond, and the east drain will be installed as well. The City is considering lowering the east drain elevation to the bottom of pond elevation.
- Dave Wiebe mentioned that the pre-cast splash pad walls had been formed, and the reinforcing steel schedule appeared adequate.
- There was a discussion about a method to truck the 65' lightweight steel trusses to the job-site due to their length. Casey discussed transferring them to lighter, more maneuverable vehicles, or using the new construction entrance for truck access, if the truck/trailer could be turned around east of the WTP. These issues will be resolved, and a method of delivery resolved before delivery. There was also discussion about the trusses being in two parts, and being bolted together prior to erection.
- As-built drawings (drawings of record) were discussed. Casey and Dave Wiebe will submit as-built drawings for the yard piping, and other appurtenances to Dan as the work is completed.
- The flushing/testing/chlorination sequence for the yard piping was discussed. Rick Gray will decide how this should be done in order not to affect his plant operation. This work will be done in the next few days. Chlorine dosing and the required residual of 50 ppm was discussed.
- The window flashing detail in the architectural drawings was discussed. As shown, the flashing could allow water to enter the structure, particularly on the south facing slopes. It was decided to modify the architectural detail and apply a sealant in lieu of the flashing, as is common practice in this coastal environment. Casey will research and recommend a sealant, possibly Sikaflex 5200, or Dow-Corning 795.
- Grating/attachment clips were discussed for the pipe galleries. Casey will order the grating materials as specified in the construction documents and if additional clips or brackets are required to fix the gratings to the floor angle pieces, they can be designed and installed in the field. It was decided to make square openings for the vertical pipe penetrations. Kick plates were discussed, and will be added if needed.
- Many of the WTP components are being shipped to the City Shops. The need to inspect each



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component's condition and proper identification should be done as soon as each delivery is made. Casey will provide this inspection. Components received at the City Shop are as follows:

- A. Potable water pumps
- B. Sample pumps
- C. Flow-meters
- D. Butterfly valves
- E. Valve actuators
- F. City purchased static mixer for chlorine dioxide injection

**7. CONTRACTOR CONCERNS:**

- No discussion.

**8. ENGINEER / CITY CONCERNS:**

- No discussion.

**9. Q & A:**

- No discussion.